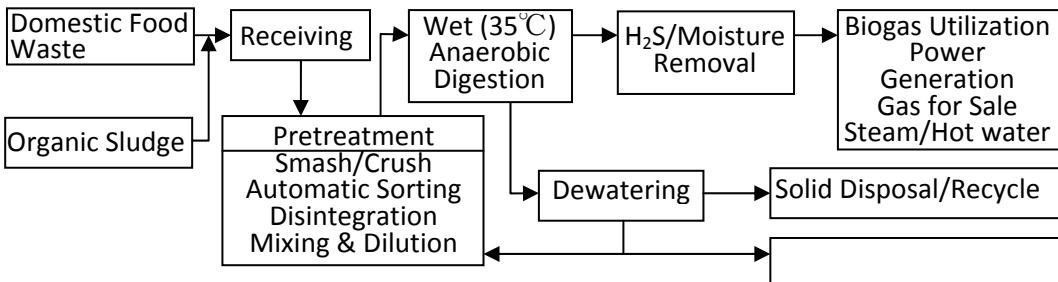


Technical Information Sheet

1. Name of technology	Organic waste treatment technology by wet anaerobic digestion																				
2. Type of technology	This technology is applied to convert organic waste, such as raw garbage, to biogas through a process including pretreatment and wet anaerobic digestion. Sewage sludge and other organic industrial waste can be mixed with garbage as raw material.																				
3. Description of technology Objective, application, characteristics, delivery record, and price of technology	<p>[Objective and application of the technology] Biogas is produced efficiently from organic waste and is then utilized for power/heat generation and vehicle fuel, etc.</p> <p>[Characteristics of the technology] In the pretreatment process, foreign materials in garbage such as plastics and metals are removed automatically, and the organic components are made into a slurry. The slurry is put in the mid-temperature anaerobic digestion tank. The generated biogas is used for power generation, etc. after hydrogen sulfide is removed.</p>  <p>[Delivery record] Food waste treatment facility using anaerobic digestion</p> <table border="1" data-bbox="422 1064 1484 1299"> <thead> <tr> <th>Location</th> <th>Customer</th> <th>Raw material</th> <th>Scale</th> <th>Technology</th> </tr> </thead> <tbody> <tr> <td>Chiba Pref.</td> <td>Industrial waste treatment company</td> <td>Organic industrial waste</td> <td>30 tons per day</td> <td>Wet anaerobic digestion</td> </tr> <tr> <td>Hokkaido Pref.</td> <td>Agricultural Cooperative</td> <td>Organic waste from food processing plant</td> <td>23 tons per day</td> <td>Wet anaerobic digestion</td> </tr> <tr> <td>Niigata Pref.</td> <td>Local government</td> <td>Household and commercial garbage</td> <td>65 tons per day</td> <td>Wet anaerobic digestion</td> </tr> </tbody> </table> <p>[Price and other inquiries] Please contact the office and person in charge below.</p>	Location	Customer	Raw material	Scale	Technology	Chiba Pref.	Industrial waste treatment company	Organic industrial waste	30 tons per day	Wet anaerobic digestion	Hokkaido Pref.	Agricultural Cooperative	Organic waste from food processing plant	23 tons per day	Wet anaerobic digestion	Niigata Pref.	Local government	Household and commercial garbage	65 tons per day	Wet anaerobic digestion
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4. Classification of technology																					
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment																				
(2) Target waste	Food waste / raw garbage, Other (sewage sludge)																				
(3) Services provided	Plant construction, Technical cooperation/licensing																				
5. Countries to which this technology can be provided	China, Malaysia, and other Southeast Asian countries																				
6. Keywords	Food, organic, sludge, waste, methane, anaerobic digestion, biogas, power generation																				
7. Contact information	JFE Engineering Corporation Department: Sales & Marketing Department, Overseas Business Sector Person in charge: Ayako Kuroiwa Contact: TEL: +81-3-3516-7317 E-mail: kuroiwa-ayako@jfe-eng.co.jp																				